

06-26-01

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4365 Executive Drive, Suite 1600  
San Diego, CA 92121-2189  
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OJ 858-677-1400  
FJ 858-677-1465

## UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new non-provisional applications under 37 CFR 1.53(b))

|   |  |
|---|--|
| Attorney Docket No.                       | MICRO1180  |
| Client Matter Number                      | 2101321-165391   |
| First Inventor or Application Identifier: | B. Weigl et al.  |
| Title:                                    | Method and Apparatus for Controlling Fluid Flow Rate in a Microfluidic Circuit |
| Express Mail Label No.:                   | EL617044395US  |

**Application Elements**  
(See MPEP chapter 600 concerning utility patent application contents)

ADDRESS TO: Assistant Commissioner For Patents  
BOX PATENT APPLICATION  
Washington, D.C. 20231

1. ☒ Fee Transmittal Form  
(Submit an original, & duplicate for fee processing)
2. ☒ Applicant claims small entity status
3. ☒ Specification [Total Pages 11]  
(preferred arrangement set forth below)
  - Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R&D
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 USC 113) [Total sheets 3]
5. ☒ Oath or Declaration [Total Pages 3]
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 17 completed)
  - i. ☐ Deletion of Inventor(s)  
Signed statement attached in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table, or Computer Program (Appendix)
8. ☐ Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. ☐ Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statement verifying identity of above copies
9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power Of Attorney  
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS/PTO 1449) ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment (\_\_\_\_ pgs.)
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☒ Express Mail Certification
17. ☐ Request And Certification under 35 USC 122(b)(2)(B)(i).  
Applicant must attach form PTO/SB/35 or its equivalent
18. ☒ OTHER: Check # 481603 (\$ 703.00)

## ACCOMPANYING APPLICATION PARTS

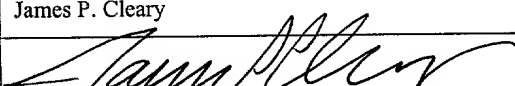
17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☐ Continuation-In-Part of prior application no.: \_\_\_\_ / \_\_\_\_

Prior application information: Examiner: \_\_\_\_\_ Group/Art Unit: \_\_\_\_\_

## 18. CORRESPONDENCE ADDRESS

- ☒ Customer Number (25548)  
Or Bar Code Label  
OR  
☒ Correspondence Address Below

|                         |   |                                    |              |
|-------------------------|---|------------------------------------|--------------|
| NAME                    | ATTN: Terrance A. Meador<br>GRAY CARY WARE & FREIDENRICH                            |                                    |              |
| ADDRESS                 | 4365 Executive Drive, Suite 1600<br>San Diego, CA 92121 USA                         |                                    |              |
| Telephone: 858-638-6747 | General Fax No.: 858-677-1477   | Patent Group Fax No.: 858-677-1465 |              |
| Name (print/type)       | James P. Cleary   | Registration No.: (Attorney/Agent) | 45,843       |
| Signature               |  | Date                               | 25 June 2001 |

11002 U.S. PTO  
09/886727

06/25/01

1c962 U.S. PTO  
06/25/01

06/25/01

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## FEE TRANSMITTAL

|                       |                            |
|-----------------------|----------------------------|
| Attorney Docket No.   | MICRO1180 / 2101321-165391 |
| First Named Inventor: | B. Weigl et al.            |
| Application Number    | To be assigned             |
| Filing Date:          | Herewith                   |
| Examiner Name:        | Unknown                    |
| Group/Art Unit:       | Unknown                    |

|                                      |   |
|--------------------------------------|---|
| <b>TOTAL AMOUNT OF PAYMENT:</b>      | <b>\$ 703.00</b>  |
| <b>METHOD OF PAYMENT (check One)</b> | <p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and/or credit any over payment to:</p> <p>Deposit Account No.: 07-1895<br/>Deposit Account Name: GRAY CARY WARE &amp; FREIDENRICH</p> <p><input checked="" type="checkbox"/> Charge any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p>2. <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p> |

### 2. UTILITY Basic Filing Fee & Claims

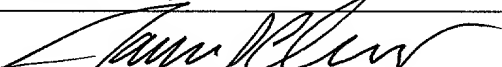
| (1) For                                     | (2) No. filed | (3) No. extra | (4) Large Entity | (5) Small Entity | (6) Calculations |
|---|---------------|---------------|------------------|------------------|------------------|
| Basic Filing Fee                            | XX            | XX            | \$ 710.00        | \$355.00         | \$ 355.00        |
| Total Claims                                | 32 - 20 =     | 12            | X \$ 18.00       | X \$ 9.00        | \$ 108.00        |
| Independent Claims                          | 9 - 3 =       | 6             | X \$ 80.00       | X \$ 40.00       | \$ 240.00        |
| Multiple Dependent Claim(s) (if applicable) |               |               | \$ 270.00        | \$135.00         | \$ 000.00        |
| Total of above Calculations =               |               |               |                  |                  | \$ 703.00        |

| Basic Filing Fee              | Large Entity | Small Entity | Total     |
|-------------------------------|--------------|--------------|-----------|
| Design filing fee             | \$ 320.00    | \$ 160.00    | \$ 000.00 |
| Reissue filing fee            | \$ 710.00    | \$ 355.00    | \$ 0.00   |
| Provisional filing fee        | \$ 150.00    | \$ 75.00     | \$ 0.00   |
| Total of above Calculations = |              |              | \$        |

### 3. ADDITIONAL FEES

| Fee Description | Large Entity | Small Entity | Other |
|-----------------|--------------|--------------|-------|
|                 | \$           | \$           | \$    |
|                 | \$           | \$           | \$    |
|                 | \$           | \$           | \$    |
|                 | \$           | \$           | \$    |
| TOTAL:          |              |              | \$    |

|                   |   |                                       |              |
|-------------------|---|---------------------------------------|--------------|
| Name (print/type) | James P. Cleary   | Registration No.:<br>(Attorney/Agent) | 45,843       |
| Signature         |  | Date                                  | 25 June 2001 |

EL617044395US

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DATE OF DEPOSIT: June 25, 2001

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INDICATED ABOVE AND IS ADDRESSED TO THE ASSISTANT  
COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231.

Mikhail Bayley

NAME

Mikhail Bayley

SIGNATURE

MICRO1180  
New patent application  
2101321-165391